

signal arm(s) in the fully retracted position.

[41 FR 36025, Aug. 26, 1976, as amended at 41 FR 56813, Dec. 30, 1976; 47 FR 38700, Sept. 2, 1982; 48 FR 38844, Aug. 26, 1983; 48 FR 40262, Sept. 6, 1983; 56 FR 58516, Nov. 20, 1991; 57 FR 57015, Dec. 2, 1992; 58 FR 60402, Nov. 16, 1993; 60 FR 15692, Mar. 27, 1995]

§ 571.112 Standard No. 112; Headlamp concealment devices.

S1. Scope. This standard specifies requirements for headlamp concealment devices.

S2. Application. This standard applies to passenger cars, multipurpose passenger vehicles, trucks, buses, and motorcycles.

S3. Definitions.

Fully opened means the position of the headlamp concealment device in which the headlamp is in the design open operating position.

Headlamp concealment device means a device, with its operating system and components, that provides concealment of the headlamp when it is not in use, including a movable headlamp cover and a headlamp that displaces for concealment purposes.

Power means any source of energy that operates the headlamp concealment device.

S4. Requirements.

S4.1 While the headlamp is illuminated, its fully opened headlamp concealment device shall remain fully opened whenever either or both of the following occur—

(a) Any loss of power to or within the headlamp concealment device;

(b) Any disconnection, restriction, short-circuit, circuit time delay, or other similar malfunction in any wiring, tubing, hose, solenoid or other component that controls or conducts power for operating the concealment device.

S4.2 Whenever any malfunction occurs in a component that controls or conducts power for the actuation of the concealment device, each closed headlamp concealment device shall be capable of being fully opened—

(a) By automatic means;

(b) By actuation of a switch, lever or other similar mechanism; or

(c) By other means not requiring the use of any tools.

Thereafter, the headlamp concealment device must remain fully opened until intentionally closed.

S4.3 Except for cases of malfunction covered by S4.2, each headlamp concealment device shall be capable of being fully opened and the headlamps illuminated by actuation of a single switch, lever, or similar mechanism, including a mechanism that is automatically actuated by a change in ambient light conditions.

S4.4 Each headlamp concealment device shall be installed so that the headlamp may be mounted, aimed, and adjusted without removing any component of the device, other than components of the headlamp assembly.

S4.5 Except for cases of malfunction covered by S4.2, each headlamp concealment device shall, within an ambient temperature range of –30 degrees Celsius to +50 degrees Celsius be capable of being fully opened in not more than 3 seconds after actuation of the mechanism described in S4.3.

[36 FR 22902, Dec. 2, 1971, as amended at 52 FR 35710, Sept. 23, 1987; 60 FR 13643, Mar. 14, 1995]

EFFECTIVE DATE NOTE: At 61 FR 49979, Sept. 24, 1996, § 571.112 was removed and reserved, effective October 24, 1996.

§ 571.113 Standard No. 113; Hood latch system.

S1. Purpose and scope. This standard establishes the requirement for providing a hood latch system or hood latch systems.

S2. Application. This standard applies to passenger cars, multipurpose passenger vehicles, trucks, and buses.

S3. Definitions. *Hood* means any exterior movable body panel forward of the windshield that is used to cover an engine, luggage, storage, or battery compartment.

S4. Requirements.

S4.1 Each hood must be provided with a hood latch system.

S4.2 A front opening hood which, in any open position, partially or completely obstructs a driver's forward view through the windshield must be provided with a second latch position on the hood latch system or with a second hood latch system.